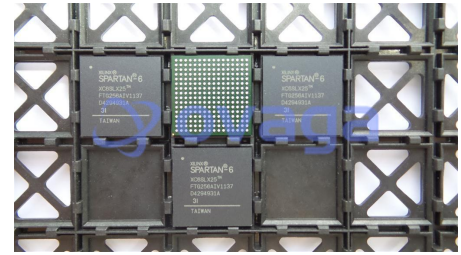


FPGA Spartan-6 LX Family 24051 Cells 45nm (CMOS) Technology 1.2V

Manufacturers	<a href="#">AMD Xilinx, Inc</a>
Package/Case	BGA-256
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC6SLX25-3FTG256I or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

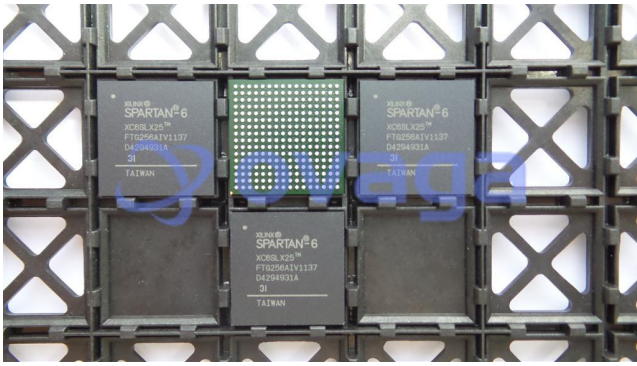
XC6SLX25-3FTG256I is a field-programmable gate array (FPGA) manufactured by Xilinx Inc. It belongs to the Spartan-6 family of FPGAs and has 25,280 logic cells, 1.3 Mb of RAM, and 108 user I/Os.

## Features

- Advanced process technology: 45nm silicon technology
- High-performance, low-power design
- Flexible and versatile architecture
- On-chip memory and DSP capabilities
- High-speed serial transceivers (up to 3.2 Gbps)
- User-configurable I/O standards

## Application

- Video and image processing
- Wireless communication systems
- Industrial control systems
- Automotive systems
- Aerospace and defense systems



## Related Products



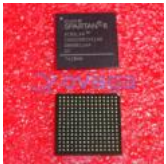
### [XC18V01S020C](#)

AMD Xilinx, Inc  
SOP-20



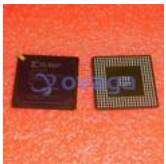
### [XCF04SV0G20C](#)

AMD Xilinx, Inc  
TSSOP20



### [XC6SLX4-2CSG225C](#)

AMD Xilinx, Inc  
BGA-225



### [XCV50-6BG256C](#)

AMD Xilinx, Inc  
BGA256



### [XCF08PV0G48C](#)

AMD Xilinx, Inc  
TSOP-48



### [XC6SLX25-3FTG256C](#)

AMD Xilinx, Inc  
BGA-256



### [XC6SLX16-3CSG324C](#)

AMD Xilinx, Inc  
BGA-324



### [XCF32PVO48C](#)

AMD Xilinx, Inc  
TSOP48